

NEPAL TRADE SOLUTIONS · QUALITY CONTROL MANUAL

Garments & Textiles Inspection & QC

Hemp · Cotton · Hand-Loomed · Ethical Fashion

PRODUCT

Garments & Textiles

STANDARD

ANSI/ASQ Z1.4 AQL

BASED IN

Kathmandu, Nepal

METHOD OVERVIEW

How We Inspect Garments & Textiles

Quality control for Nepal-made garments and textiles — hemp clothing, hand-loomed fabrics, ethical fashion, and traditional textiles. Fabric testing, sizing verification, and compliance with international labelling standards.

AQL SAMPLING STD	40–80 PHOTOS / REPORT	24h REPORT TURNAROUND	100% INSPECTION OPTION
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REFERENCE STANDARDS

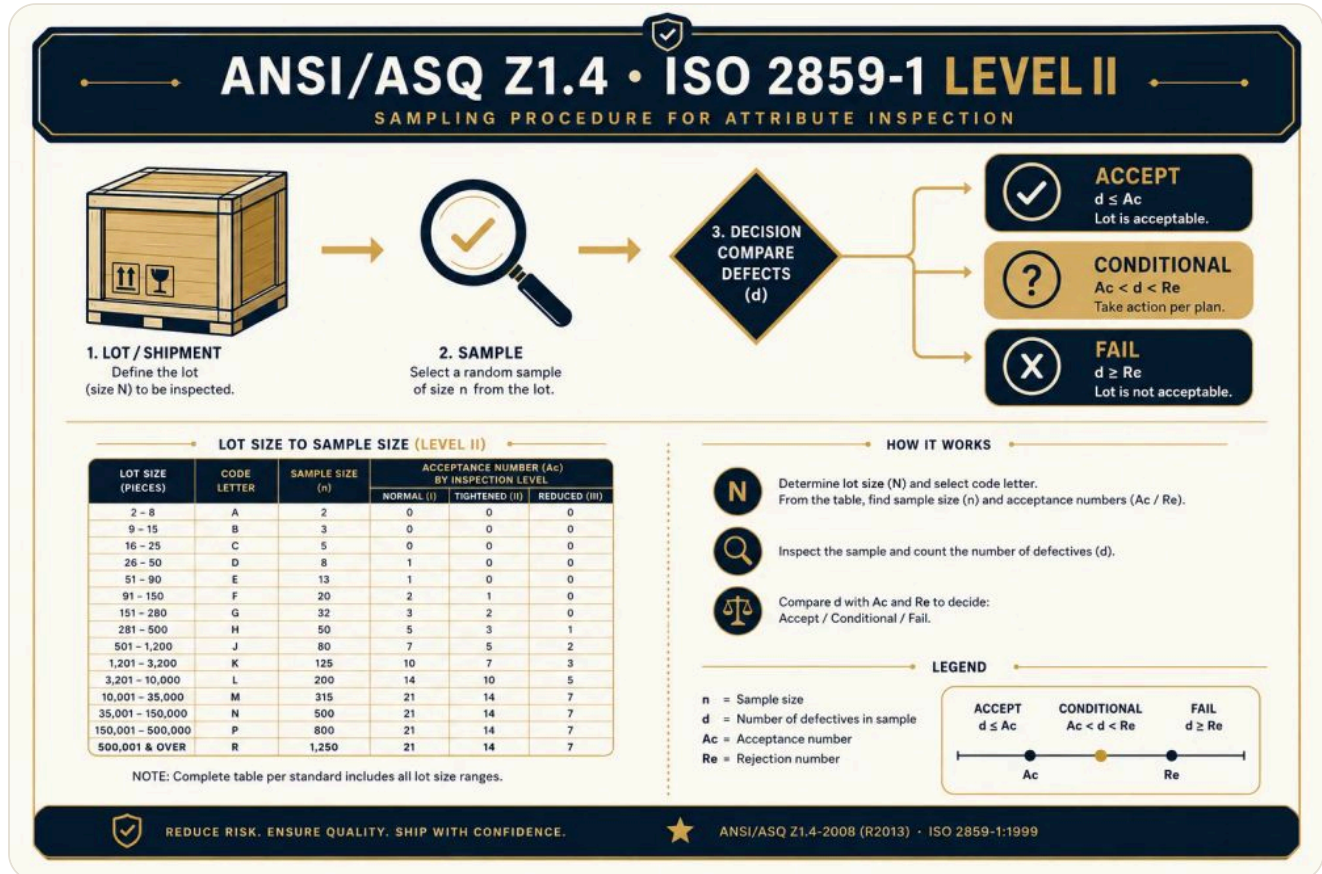
AQL	ANSI/ASQ Z1.4	SEAM	ASTM D1683 / ISO 13935
SHRINKAGE	AATCC 135 / 150	DYE	Water, rub & perspiration fastness

STATISTICALLY VALID AQL SAMPLING — ISO 2859-1

We select a random, representative sample from the lot using ISO 2859-1 general inspection level II. For a 500-piece order this typically means 50 units inspected in full. The result is a clear **Pass / Fail / Conditional** verdict for the whole lot — protecting you at a fraction of the cost of 100% inspection. Premium or safety-critical orders can be inspected at 100%.

Statistically Valid AQL Sampling

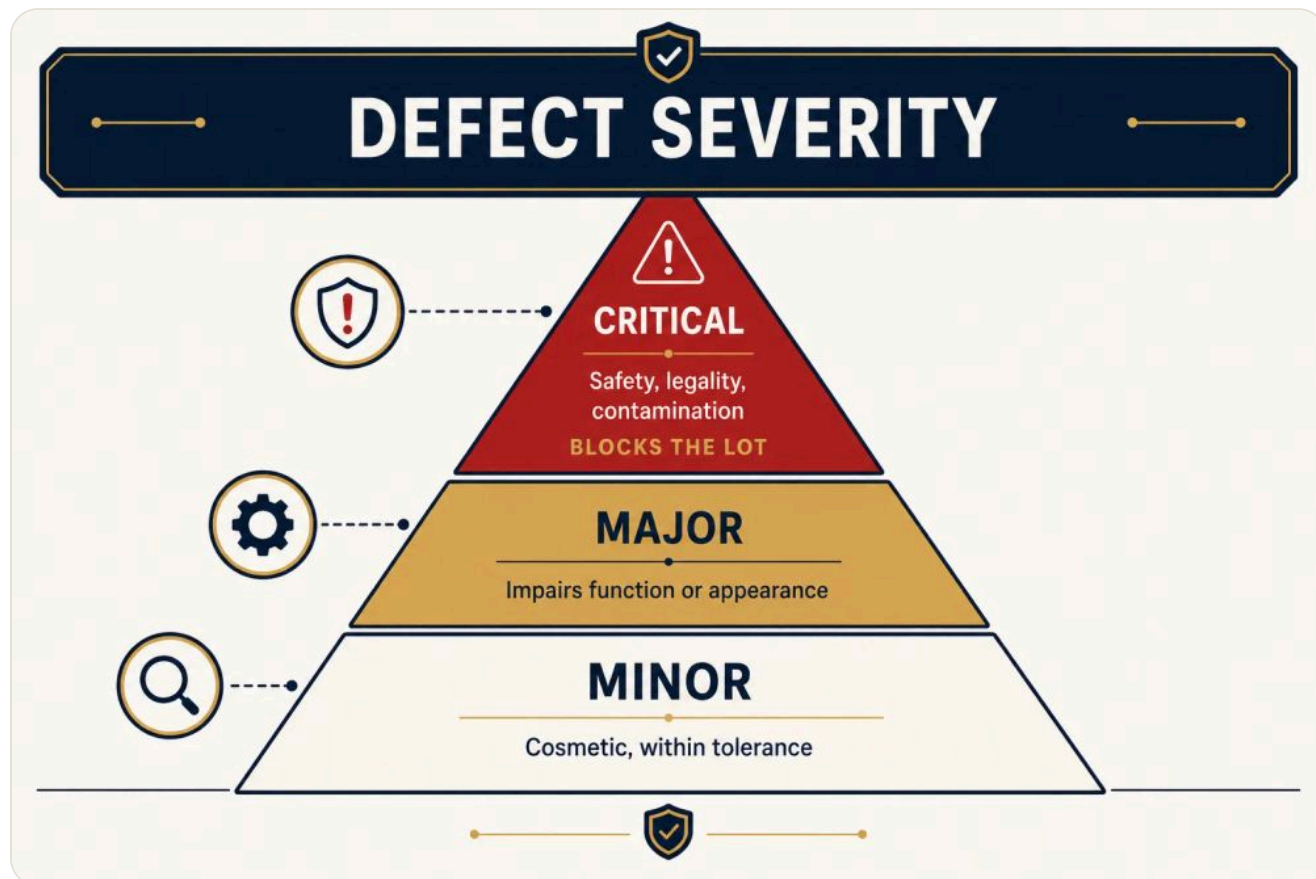
Lots are sampled to ANSI/ASQ Z1.4 (ISO 2859-1) general inspection level II. The sample drives a clear Pass / Conditional / Fail verdict for the whole shipment.



DEFECT CLASSIFICATION

How Every Finding Is Judged

Each defect is recorded by severity. Any Critical finding blocks the lot; Major and Minor defects are weighed against AQL acceptance numbers.



Critical · Major · Minor — how defects are judged

Takeaway: no negotiation on safety, legality or contamination — the lot stops until the issue is resolved.

The Garments & Textiles QC Checklist

Every sampled unit is checked against the full checklist below and photographed. Findings are classified as Critical, Major, or Minor and reported against your specification.

Fabric quality Weave/knit, thread count, GSM verification	Stitching & seams Seam strength, stitch density, alignment
Sizing accuracy Chest, length, waist, sleeve vs specification	Colour fastness Water, rub and perspiration fastness
Fabric defects Shading, knots, holes, stains, irregularities	Trim & hardware Buttons, zippers, labels, embellishments
Labelling compliance Fibre, care, size, origin, RN/CA number	Packaging Poly bag, folding, carton packing, shipping marks

How defects are counted: each defective unit is recorded by severity. A lot is blocked automatically if any Critical defect is found. Major and Minor defects are evaluated against AQL acceptance numbers.

BLOCK SHIPMENT

Critical Defects We Never Ship

Any one of these findings blocks the shipment until it is resolved. There is no negotiation on safety, legality, or contamination.

CRITICAL

Sharps / needles

Any broken needle or pin in a garment

CRITICAL

Fibre mislabel

Fiber content misrepresentation vs label

CRITICAL

Restricted substances

Azo dyes, formaldehyde beyond limits

LABORATORY & PHYSICAL TESTS

Verify Beyond the Eye

■ Cut & Burn Test

Fibre composition: hemp, cotton, wool, synthetic

■ Dye Fastness

Water, rub and perspiration fastness

■ Seam Strength

ASTM D1683 / ISO 13935 seam integrity

■ Shrinkage

AATCC 135 / 150 dimensional stability

On-site spot tests are performed during the visit. For formal certification (e.g. REACH, CPSIA, OEKO-TEX, ISO), we coordinate with SGS Nepal and Intertek laboratories in Kathmandu. Sample collection and courier are included.

WHY NEPAL TRADE SOLUTIONS

A Quality Partner, Not Just an Inspector

We are based in Kathmandu and inspect Nepali products every week. That product-specific, on-the-ground knowledge is what catches the defects a generic global checklist would miss.

Material-Specific Checklists

Hemp, cotton, handloom, blends, synthetic

Ethical Compliance Ready

Pre-check for GOTS, Oeko-Tex, BSCI, SA8000

AQL & 100% Options

Standard or full private-label inspection

24-Hour Reports

40–80 photos in your inbox within 24 hours

INDUSTRY INSIGHT

Hand-loomed tension varies, so sizing consistency is our most common finding — we verify every key point.

Protect Your Next Garments & Textiles Shipment

Book an inspection and get a detailed, photo-documented report in your inbox within 24 hours.

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